

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. - 7. (cancelled)

8. (currently amended) A vaccine composition comprising an immunogenic determinant, wherein the immunogenic determinant comprises one or more complexes between an induced stress protein complexed to a shock protein and an antigenic peptide fragment obtained from the heat or tumour necrosis factor stressing of a cell infected with a bacterial, protozoal or parasitic intra-cellular pathogen which has been subjected to stress from heat or tumor necrosis factor.

9. (previously presented) A vaccine composition comprising an immunogenic determinant, wherein the immunogenic determinant is produced by the method comprising the steps of:

- a) subjecting cells infected with an intracellular bacterial, protozoan or parasitic pathogen to stress with heat or tumour necrosis factor;
- b) extracting the endogenous stress-induced products from the stressed cells; and
- c) using the extracted products as the immunogenic determinant in the preparation of the vaccine composition.

10. (previously presented) The vaccine composition as claimed in claim 8, wherein the composition further comprises an adjuvant for the immunogenic determinant.

11. (previously presented) The vaccine composition as claimed in claim 8, wherein the composition is an aqueous composition.

12. - 13. (canceled).

14. (new) The vaccine composition as claimed in claim 8, wherein the cell is infected with a bacterial intracellular pathogen and the infected cell is subjected to heat stress.

15. (new) The vaccine composition as claimed in claim 8, wherein the cell is infected with a protozoal or parasitic intracellular pathogen and the infected cell is subjected to stress with tumor necrosis factor.

16. (new) A composition comprising an immunogenic determinant, for inducing an immune response to the immunogenic determinant, wherein the immunogenic determinant is produced by the method comprising the steps of:

- a) subjecting cells infected with an intracellular bacterial, protozoan or parasitic pathogen to stress with heat or tumor necrosis factor;
- b) extracting the endogenous stress-induced products from the stressed cells; and
- c) using the extracted products as the immunogenic determinant in the preparation of the vaccine composition.